

We claim:

1. A liquid applicator comprising;

a resilient bottle adapted to hold a liquid having an opening;

a pin including a body forming a first opening and a second opening wherein the pin
5 body at least partially surrounds the resilient bottle and wherein the resilient bottle opening is
concentric to the pin second opening;

a cap including a first open end and second open end wherein the pin first open end is
united with cap first opening and wherein the pin second open end is concentric to the cap
second opening; and

10 an applicator holder.

2. The liquid applicator of claim 1 including an applicator that is attached to the
applicator holder such that the applicator is positioned adjacent to the cap second open end.

3. The liquid applicator of claim 2 wherein the applicator is selected from the
group consisting of a brush, a pad, and a roller.

4. The liquid applicator of claim 1 wherein the resilient bottle includes a neck and
a hollow body wherein the neck is located between the bottle opening and the hollow body.

5. The liquid applicator of claim 4 wherein the neck includes a threaded outer
surface and the pin includes threads located on the pin inner surface wherein the neck outer
surface threads are complementary to the pin inner surface threads.

6. The liquid applicator of claim 1 wherein the pin is manufactured from a rigid
plastic material.

7. The liquid applicator of claim 1 wherein the pin includes an annular wall having
a first end associated with a shoulder dividing pin first opening from pin second opening the
annular wall further including a first end united with pin shoulder and a second open end
25 concentric to pin first opening.

8. The liquid applicator of claim 7 wherein the annular wall includes a threaded
inner surface wherein the threaded inner surface is complementary to the threads on the
resilient bottle neck outer surface.

9. The liquid applicator of claim 1 wherein a plug is associated with pin second

opening.

10. The liquid applicator of claim 9 wherein the pin plug has an outer diameter that is smaller than the diameter of the cap second open end.

11. The liquid applicator of claim 1 wherein the cap first open end is an annular wall having an inner surface and an outer surface wherein the cap annular wall inner surface includes threads.

12. The liquid applicator of claim 11 wherein the pin includes a neck located between the shoulder and the first opening wherein the neck includes a threads on the neck outer surface that are complementary to the threads on cap annular wall inner surface.

13. A liquid applicator comprising;
a resilient bottle adapted to hold a liquid having a hollow body, an opening and a neck located between the hollow body and the opening wherein the neck has a threaded outer surface;

a pin including a body forming a first opening and a second opening, wherein the pin body at least partially surrounds the resilient bottle and wherein the resilient bottle opening is concentric to the pin second opening, the pin further including an annular wall having a first end associated with a shoulder dividing pin first opening from pin second opening and a threaded inner surface wherein the threaded inner surface is complementary to the threads on bottle neck outer surface, a neck located between the shoulder wherein the neck includes a threaded outer surface, and a plug associated with pin second opening;

a cap including a first open end and a second open end, wherein pin first opening is united with cap first open end, pin second opening is concentric to the cap second open end and wherein cap first open end is an annular wall having an inner surface and an outer surface wherein the annular wall inner surface includes threads that are complementary to threads on the pin neck outer surface;

an applicator holder united with the cap; and

an applicator associated with the applicator holder such that the applicator is positioned adjacent to the cap first open end.

14. The liquid applicator of claim 13 wherein the applicator is selected from the

group consisting of a roller, a brush, and a pad.

15. The liquid applicator of claim 14 wherein the applicator is a roller.

16. The liquid applicator of claim 13 wherein the resilient bottle opening has a diameter that is large enough to allow the resilient bottle to be quickly filled.

5 17. The liquid applicator of claim 16 wherein the resilient bottle opening has a diameter of from about 0.25 inches to about 0.40 inches.

18. A method for applying a liquid to a surface using a liquid applicator including a resilient bottle adapted to hold a liquid having an opening; a pin including a body forming a first opening and a second opening wherein the pin body at least partially surrounds the
10 resilient bottle and wherein the resilient bottle opening is concentric to the pin second opening; a cap including a first open end, a second open end, wherein the pin first open end is united with cap first open end and wherein the pin second open end is concentric to the cap second open end; and an applicator holder comprising the steps of;

filling the resilient bottle with a liquid;

5 attaching an applicator to the liquid applicator holder;

squeezing the resilient bottle with enough force to deform the resilient bottle to force liquid out of liquid applicator cap first open end; and

applying the liquid to a surface with the applicator.

19. The method of claim 18 wherein the applicator is a roller.

20 20. The method of claim 18 wherein the squeezing forces liquid from the resilient bottle onto the applicator.

21. The method of claim 18 wherein the squeezing forces liquid from the resilient bottle onto the surface.

22. The method of claim 18 wherein the liquid is selected from the group consisting
25 of paint, dye, varnish and combinations thereof.

23. The method of claim 18 wherein the liquid applicator is filled with a liquid by pouring a liquid into the open end of the resilient bottle and then uniting the resilient bottle with the pin.

24. The method of claim 18 wherein the liquid applicator is filled with a liquid by

squeezing the resilient bottle until it is at least partially deformed, placing the open end of resilient bottle in a liquid while keeping resilient bottle deformed, halting deformation of the resilient bottle while keeping the resilient bottle open end in the liquid and removing the resilient bottle from the liquid after the deformation has disappeared.

5 25. The method of claim 18 wherein the pin includes a plug associated with pin second opening that is slightly smaller in size than cap first open end wherein the plug is moved axially in into cap first open end by indexing the cap toward the pin and wherein the plug is moved axially out of cap first open end by indexing the cap away from the pin.

10 26. A liquid applicator comprising;
a resilient bottle adapted to hold a liquid having an opening including a locator bump;
a pin including a body forming a first opening and a second opening wherein the pin body at least partially surrounds the resilient bottle and wherein the resilient bottle opening is concentric to the pin second opening, the pin further including a recess complementary to the resilient bottle locator bump;

15 a cap including a first open end and second open end wherein the pin first open end is united with cap first opening and wherein the pin second open end is concentric to the cap second opening; and

an applicator holder.

20 27. The liquid applicator of claim 26 wherein the resilient bottle includes a neck and a hollow body wherein the neck is located between the bottle opening and the hollow body.

28. The liquid applicator of claim 27 wherein the neck includes a threaded outer surface and the pin includes threads located on the pin inner surface wherein the neck outer surface threads are complementary to the pin inner surface threads.

25 29. The liquid applicator of claim 26 wherein the pin includes an annular wall having a first end associated with a shoulder dividing pin first opening from pin second opening the annular wall further including a first end united with pin shoulder and a second open end concentric to pin first opening.

30. The liquid applicator of claim 29 wherein the pin annular wall includes a threaded inner surface wherein the threaded inner surface is complementary to the threads on

the resilient bottle neck outer surface.

31. The liquid applicator of claim 26 wherein the cap first open end is an annular wall having an inner surface and an outer surface wherein the cap annular wall inner surface includes threads.

5 32. The liquid applicator of claim 31 wherein the pin includes a neck located between the shoulder and the first opening wherein the neck includes a threads on the neck outer surface that are complementary to the threads on cap annular wall inner surface.

33. A liquid applicator comprising;

a resilient bottle adapted to hold a liquid having an opening;

10 a pin including a body forming a first opening and a second opening wherein the pin body at least partially surrounds the resilient bottle and wherein the resilient bottle opening is concentric to the pin second opening, the pin further including a detent;

5 a cap including a first open end and second open end wherein the pin first open end is united with cap first opening and wherein the pin second open end is concentric to the cap second opening and wherein the cap includes at least one rib 108 that engages the pin detent; and

an applicator holder.

34. The liquid applicator of claim 31 wherein the resilient bottle includes a neck and a hollow body wherein the neck is located between the bottle opening and the hollow body.

20 35. The liquid applicator of claim 34 wherein the neck includes a threaded outer surface and the pin includes threads located on the pin inner surface wherein the neck outer surface threads are complementary to the pin inner surface threads.

25 36. The liquid applicator of claim 31 wherein the pin includes an annular wall having a first end associated with a shoulder dividing pin first opening from pin second opening the annular wall further including a first end united with pin shoulder and a second open end concentric to pin first opening.

37. The liquid applicator of claim 36 wherein the pin annular wall includes a threaded inner surface wherein the threaded inner surface is complementary to the threads on the resilient bottle neck outer surface.

38. The liquid applicator of claim 31 wherein the cap first open end is an annular wall having an inner surface and an outer surface wherein the cap annular wall inner surface includes threads.

39. The liquid applicator of claim 38 wherein the pin includes a neck located between the shoulder and the first opening wherein the neck includes a threads on the neck outer surface that are complementary to the threads on cap annular wall inner surface.

40. A liquid applicator comprising;
a resilient bottle adapted to hold a liquid having an opening;
a pin including a body forming a first opening and a second opening wherein the pin body at least partially surrounds the resilient bottle and wherein the resilient bottle opening is concentric to the pin second opening;

a cap including a first open end and second open end wherein the pin first open end is united with cap first opening and wherein the pin second open end is concentric to the cap second opening wherein the cap includes a seal hood; and

an applicator holder.

41. The liquid applicator of claim 40 wherein the applicator holder includes an applicator and wherein the cap first opening is oriented with respect to the applicator at an angle that is greater than or less than 90 degrees.